

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits     | Search Query                            | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|----------|---|---|------------------|---------|---------------------|
| L1    | 26960494 | @ad<"20030627"                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/10<br>13:12 |
| L2    | 225      | (pause adj frame) with port             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/10<br>13:33 |
| L3    | 263      | (pause adj frame) with (port interface) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/10<br>13:33 |
| L4    | 110      | 1 and 3                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/02/10<br>13:33 |



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| L10 | 9   | 9 not 6   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/10<br>13:41 |
| L11 | 4   | 9 not 6 and port adj based  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/02/10<br>14:03 |
| S1  | 0   | ((KR) near2 (KISHORE)).INV.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/10<br>13:20 |
| S2  | 127 | ((MOHAN) near2 (KALKUNTE)).INV.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/10<br>13:20 |
| S3  | 13  | ((CHIEN-HSIEN) near2 (WU)).INV.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/10<br>13:36 |
| S4  | 2   | ("20040264378").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11<br>07:41 |
| S5  | 2   | manag\$3 same flow same datagram same<br>traffic same port same paus\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/10<br>16:21 |

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| S6  | 2    | manag\$3 with flow with datagram with traffic with port | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:22 |
| S7  | 4626 | manag\$3 and flow and datagram and traffic and port     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:22 |
| S8  | 492  | S7 and paus\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:23 |
| S9  | 813  | S8 over-subscription                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:23 |
| S10 | 3    | S8 and over-subscription                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:25 |
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| S11 | 493 | (over-subscription) (over adj subscription) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:25 |
| S12 | 378 | S11 and manag\$4                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:26 |
| S13 | 374 | S12 and (flow traffic control)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:26 |
| S14 | 247 | S12 and flow and traffic and control        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:26 |
| S15 | 22  | S14 and paus\$4                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:41 |
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| S16 | 14  | S15 and @ad<"20030627" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:40 |
| S17 | 168 | S14 and @ad<"20030627" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:40 |
| S18 | 14  | S17 and paus\$4        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>17:21 |
| S19 | 0   | S18 not S16            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:42 |
| S20 | 13  | S18 and activ\$4       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10<br>16:46 |
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| S26 | 2    | S24 and pausing   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/10<br>16:47 |
| S27 | 6461 | (370/229-235).CCLS.                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11<br>07:41 |
| S28 | 58   | S27 and pausing   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>07:41 |
| S29 | 44   | S28 and @ad<"20030627"                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>11:16 |
| S30 | 10   | (traffic adj control) same (paus\$3 wait\$4)<br>same port | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>11:12 |
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| S31 | 0   | (data near(traffic adj control)) same (paus\$3 wait\$4 congested) same port | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:13 |
| S32 | 0   | (data near(traffic adj control)) with (paus\$3 wait\$4 congested) with port | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:13 |
| S33 | 67  | (data near(traffic adj control)) and (paus\$3 wait\$4 congested) and port   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:15 |
| S34 | 324 | Over-subscription   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:23 |
| S35 | 314 | S34 and (data datagram stream)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:16 |
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| S36 | 111 | S34 same (data datagram stream)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:16 |
| S37 | 51  | S34 with (data datagram stream)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:16 |
| S38 | 70  | S36 and @ad<"20030627"                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:23 |
| S39 | 35  | S37 and @ad<"20030627"                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:16 |
| S40 | 493 | Over-subscription (over adj subscription) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:32 |
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| S41 | 305 | S40 and @ad<"20030627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:32 |
| S42 | 768 | Over-subscription (over adj subscription)<br>Oversubscription | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>15:18 |
| S43 | 465 | S42 and @ad<"20030627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:58 |
| S44 | 372 | S43 and flow  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:39 |
| S45 | 346 | S44 and (first and second)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:40 |
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| S46 | 21  | S45 and pathway                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:48 |
| S47 | 346 | S45 and @ad<"20030627"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>11:48 |
| S48 | 21  | S46 and @ad<"20030627"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:02 |
| S49 | 52  | S43 and ("same" adj port)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:00 |
| S50 | 1   | ("same" adj port) same (over-subscription) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:02 |

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| S51 | 68 | ("same" adj port) same (pause or collisions)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:13 |
| S52 | 49 | S51 and @ad<"20030627"                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:05 |
| S53 | 31 | ("same" adj port) same (pause or collisions)<br>and blocking | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:04 |
| S54 | 25 | S53 and @ad<"20030627"                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:05 |
| S55 | 0  | S54 not S52  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:05 |

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| S56 | 601 | (port path line) with (pause conflict\$3 collision) with (traffic congestion)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:17 |
| S57 | 611 | (port path line) with (paus\$3 conflict\$3 collision) with (traffic congestion) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:17 |
| S58 | 3   | S57 with datagram   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:19 |
| S59 | 102 | S57 with packet   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>12:20 |
| S60 | 79  | S59 and "370".clas.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>13:56 |

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| S61 | 0  | managing with flow with datagram with traffic with pausing with congestion with control  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>13:57 |
| S62 | 88 | managing and flow and datagram and traffic and pausing and congestion and control  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>14:38 |
| S64 | 18 | (US-20020176450-\$ or US-20030118016-\$ or US-20020012341-\$ or US-20030198231-\$ or US-20040109447-\$ or US-20040066743-\$ or US-20030202503-\$ or US-20020071398-\$ or US-20020181396-\$ or US-20020136163-\$ or US-20010043565-\$).did. or (US-7061868-\$ or US-7254768-\$ or US-6816465-\$ or US-6570848-\$ or US-6115356-\$ or US-6084856-\$ or US-6031821-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>15:15 |
| S65 | 14 | S64 and connected  | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:12 |
| S66 | 17 | S64 and port   | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:13 |
| S67 | 4  | S66 and first adj port   | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:13 |
| S68 | 1  | S67 and second adj port  | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:15 |
| S69 | 0  | S67 and (second adj port) and pausing  | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:15 |
| S70 | 1  | S67 and (second adj port) and pause  | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>14:15 |

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| S71 | 106 | flow and datagram and traffic and pausing and congestion and control                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>14:39 |
| S72 | 1   | flow and datagram and traffic and pausing and congestion and control and over-subscription | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>14:41 |
| S73 | 106 | flow and datagram and traffic and pausing and congestion and control                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>14:58 |
| S74 | 1   | S73 and over-subscription  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>14:59 |
| S75 | 0   | datagram with (port line interface) with paus\$3 with flow                                 | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>15:17 |
| S76 | 0   | datagram with port with paus\$3 with flow  | US-PGPUB;<br>USPAT  | OR | ON | 2007/09/11<br>15:17 |
| S77 | 53  | S42 and paus\$3  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>15:18 |



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| S78 | 18    | ("20010043566"   "20010050913"   "20020118689"   "5125096"   "5189668"   "5493566"   "5524211"   "5528591"   "5584033"   "5742606"   "5774453"   "5905870"   "5995486"   "6167054"   "6172963"   "6252849"   "6456590"   "6628613").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/11<br>15:25 |
| S79 | 22    | (Inhibit stop pause) with (resume start) with commence with timer   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>16:25 |
| S80 | 43628 | ((709/235) or (725/96) or (370/351-431)).<br>CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11<br>16:33 |
| S81 | 6624  | S80 and congestion  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>16:34 |
| S82 | 13618 | S80 and (paus\$3 stop hold)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>16:39 |

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| S83 | 0  | traffic with flow with (congetion clugged) with<br>(individual single) with (port line interface)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:21 |
| S84 | 0  | traffic and flow and (congetion clugged) and<br>(individual adj port) and inhibit and timer and<br>(resume start continue) and commence  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>17:07 |
| S85 | 0  | traffic and flow and (congestion clugged) and<br>(individual adj port) and inhibit and timer and<br>(resume start continue) and commence | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>17:07 |
| S86 | 0  | traffic and flow and (congestion) and<br>(individual adj port) and inhibit and timer and<br>(resume start continue) and commence         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>17:08 |
| S87 | 17 | traffic and flow and (congestion) and<br>(individual adj port) and (resume start<br>continue) and commence                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:22 |

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| S88 | 148  | traffic and flow and (congestion) and (individual adj port) and (resume start continue commence)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>17:33 |
| S89 | 2    | ("20030009599").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11<br>18:16 |
| S90 | 3624 | (370/411-418).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/11<br>18:17 |
| S91 | 3    | traffic with flow with (congestion clugged) with (individual single) with (port line interface)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>18:21 |
| S92 | 38   | (traffic flow) and (congestion) and (individual adj port) and (resume start continue) and commence | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>18:23 |

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| S93 | 909  | (traffic flow) and (congestion) and (port) and (resume start continue) and commence  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:24 |
| S94 | 909  | (traffic flow) and (congestion over-subscription) and (port) and (resume start continue) and commence                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:25 |
| S95 | 9639 | (traffic flow) and (congestion over-subscription) and (port) and (resume start continue commence)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:26 |
| S96 | 4930 | (traffic flow) and (congestion over-subscription) and (port) and (resume start continue commence) and (stop\$4 paus\$3)              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:27 |
| S97 | 807  | ((traffic flow) same port) and ((congestion over-subscription) same port) and (resume start continue commence) and (stop\$4 paus\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11<br>18:29 |

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| S98  | 384 | ((traffic flow) same port) and ((congestion over-subscription) same port same control) and (resume start continue commence) and (stop\$4 paus\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/12<br>14:53 |
| S99  | 221 | S98 and S80  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/11<br>18:40 |
| S100 | 18  | (US-20030198231-\$ or US-20030118016-\$ or US-20020176450-\$ or US-20020012341-\$ or US-20020181396-\$ or US-20040109447-\$ or US-20040066743-\$ or US-20020136163-\$ or US-20020071398-\$ or US-20010043565-\$ or US-20030202503-\$).did. or (US-6115356-\$ or US-6084856-\$ or US-6031821-\$ or US-7061868-\$ or US-6816465-\$ or US-6570848-\$ or US-7254768-\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2007/09/12<br>14:48 |
| S101 | 27  | "6405258"  | US-PGPUB;<br>USPAT  | OR | ON  | 2007/09/12<br>14:49 |
| S102 | 2   | ("6405258").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>14:49 |
| S103 | 403 | ((traffic flow) same port) and ((congestion over-subscription) same port same control) and (resume start continue commence) and (stop\$4 paus\$3 inhibit)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/12<br>14:55 |

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| S104 | 2     | ("6405258").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>16:13 |
| S105 | 2     | ("20010021174").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>14:58 |
| S106 | 11468 | ((370/229,216,241,236,237,230) or<br>(709/232,230,235)).OCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>16:13 |
| S107 | 5     | S106 and (control same (data datagram<br>information packet info) same flow same<br>(congestion blockage overflow) same<br>prevention)            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/12<br>16:17 |
| S108 | 194   | S106 and (control same (data datagram<br>information packet info) same flow same<br>(congestion blockage overflow) same (avoid\$5<br>prevention)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/12<br>16:18 |

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| S109 | 295 | S106 and (control same (data datagram information packet info) same (flow traffic) same (congestion blockage overflow) same (avoid\$5 prevention))              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/12<br>16:19 |
| S110 | 9   | S106 and (control same (data datagram information packet info) same (flow traffic) same (congestion blockage overflow) same (avoid\$5 prevention) same paus\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/12<br>16:19 |
| S111 | 384 | ((traffic flow) same port) and ((congestion over-subscription) same port same control) and (resume start continue commence) and (stop\$4 paus\$3)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/12<br>16:22 |
| S112 | 128 | S111 and S106   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/12<br>16:22 |

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| S113 | 49 | ("4491945"   "4494230"   "4630259"  <br>"4630260"   "4734907"   "4745593"  <br>"4816774"   "4829227"   "4849968"  <br>"4893304"   "4901309"   "4918403"  <br>"5027342"   "5127000"   "5161156"  <br>"5173897"   "5179551"   "5179556"  <br>"5229990"   "5229991"   "5253251"  <br>"5260935"   "5265092"   "5339311"  <br>"5402415"   "5471460"   "5475682"  <br>"5533020"   "5689500"   "5768572"  <br>"5842040"   "5844890"   "5848227"  <br>"6128047"   "6246665"   "6343067"  <br>"6366557"   "6411599"   "6418115"  <br>"6424624"   "6430150"   "6654342"  <br>"6674721"   "6728211"   "6735173"  <br>"6747972"   "6788689"   "6816492"  <br>"6826186").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/12<br>17:40 |
| S114 | 33 | S113 and (sending paus\$3 hold\$3 decreas\$3)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/12<br>17:41 |
| S115 | 6  | S113 and ((sending paus\$3 hold\$3 decreas\$3)<br>same congestion)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/12<br>17:44 |
| S116 | 1  | S113 and ((sending paus\$3 hold\$3 decreas\$3)<br>same congestion same traffic same data same<br>port)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/09/12<br>18:43 |
| S117 | 2  | ("6424624").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>19:01 |



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| S118 | 2 | ("20040264378").PN.            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/12<br>19:01 |
| S119 | 2 | ("6424624").PN.                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/13<br>10:46 |
| S120 | 1 | S119 and (time same counter)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>11:01 |
| S121 | 0 | S119 and (time same increment) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>11:02 |
| S122 | 0 | S119 and (increment)           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>11:02 |



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| S128 | 1 | S119 and full  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>11:48 |
| S129 | 1 | S119 and (buffer mem memory register)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>12:27 |
| S130 | 2 | ("20040264378").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/13<br>11:53 |
| S131 | 1 | S119 and (node port) same (indocat\$3 provid<br>\$3 list\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>15:21 |
| S132 | 2 | S119 and (multicast broadcast ports devices<br>nodes)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/13<br>15:37 |

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| S133 | 1 | S119 and (below)                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:38 |
| S134 | 1 | S119 and (threshold)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:41 |
| S135 | 1 | S119 and (threshold same (under below)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:45 |
| S136 | 0 | S119 and (time same increment)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:45 |
| S137 | 1 | S119 and (time same incremen\$4)        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:50 |
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| S138 | 1 | S119 and (control same (data frame dtagram))                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:52 |
| S139 | 0 | S119 and (control same (data frame dtagram))<br>and separate      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>15:53 |
| S140 | 1 | S119 and (control same (data frame)) and<br>(separate own single) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>16:28 |
| S141 | 0 | S119 and (plurality)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>16:28 |
| S142 | 2 | S119 and (plurality nodes number)                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>16:32 |
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| S143 | 1        | S119 and (non-lossy loss drop\$3)                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/13<br>16:33 |
| S144 | 0        | (oversubscrib\$4) with ((first and second and third) adj (port)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>10:48 |
| S145 | 0        | (oversubscrib\$4) with ((first and second) adj (port))           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>10:49 |
| S146 | 107      | (oversubscrib\$4) with ((port))                                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>10:49 |
| S147 | 28103285 | @ad<="20030627" or @prad<="20030627" or @rlad<="20030627"        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>10:50 |

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| S148 | 52       | S146 and S147   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>10:51 |
| S149 | 28103285 | @ad<="20030627" or @prad<="20030627" or<br>@rlad<="20030627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:31 |
| S150 | 7537     | ((feed adj forward) (feed adj back) (back adj<br>pressure)) with port\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:32 |
| S151 | 27       | ((feed adj forward) (feed adj back) (back adj<br>pressure)) with port\$1 with ((data adj flow)<br>(traffic adj control) (congestion)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:33 |
| S152 | 7537     | ((feed adj forward) (feed adj back) (back adj<br>pressure)) with port\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:47 |

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| S153 | 4501     | S149 and S152  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:48 |
| S154 | 245      | ((feed adj forward) (feed adj back) (back adj pressure)) with ((data adj flow) (traffic adj control) (congestion)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:49 |
| S155 | 190      | S149 and S154  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>12:50 |
| S156 | 7537     | ((feed adj forward) (feed adj back) (back adj pressure)) with port\$1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>14:19 |
| S157 | 28103285 | @ad<="20030627" or @prad<="20030627" or @rlad<="20030627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>14:19 |



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| S158 | 28103285 | @ad<="20030627" or @prad<="20030627" or @rlad<="20030627"                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>16:27 |
| S159 | 1703     | (flow congestion traffic) with (device node)<br>with port with (paus\$3 stop\$4 drop\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>16:30 |
| S160 | 7591223  | (feed adj forward) (feed adj back) (back<br>pressure)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>16:31 |
| S161 | 925      | S158 and S159  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>16:31 |
| S162 | 5244924  | S158 and S160  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>16:31 |

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| S163 | 695    | S161 and S162  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>16:32 |
| S164 | 29     | S163 and (first and second and third) adj port         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>16:33 |
| S165 | 184035 | (feed adj forward) (feed adj back) (back adj pressure) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>16:34 |
| S166 | 124398 | S158 and S165  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>16:35 |
| S167 | 75     | S161 and S166  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>16:35 |
| S168 | 1427   | (370/225,227,228).CCLS.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | OFF | 2008/06/17<br>18:10 |

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| S169 | 26929480 | @ad<="20030627"                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>18:10 |
| S170 | 1165     | S168 and S169                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>18:10 |
| S171 | 421      | S170 and port\$1                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>18:11 |
| S172 | 54       | S170 and port\$1 with (first and second and third) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>18:12 |
| S173 | 7        | S170 and (first and second and third) adj port \$1 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/17<br>18:12 |
| S174 | 1        | ("6424624").PN.                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | OFF | 2008/06/17<br>18:18 |

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| S175 | 7065     | S169 and (first and second and third) adj port \$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/17<br>18:29 |
| S176 | 26929480 | @ad<="20030627"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:07 |
| S177 | 7065     | S176 and (first and second and third) adj port \$1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:07 |
| S178 | 394      | S177 and ((feed adj forward) (feed adj back) (back adj pressure))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:09 |
| S179 | 22       | S177 and ((feed adj forward) (feed adj back) (back adj pressure)) same ((traffic congestion flow) near2 control) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:10 |

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| S180 | 113463 | S176 and ((feed adj forward) (feed adj back) (back adj pressure))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:13 |
| S181 | 925    | S176 and ((feed adj forward) (feed adj back) (back adj pressure)) with ((flow traffic congestion) adj control) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:17 |
| S182 | 24     | congestion with (alternative adj path)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:18 |
| S183 | 15     | S176 and congestion with (alternative adj path)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:18 |
| S184 | 0      | S176 and congestion with (alternative adj path) with port  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:19 |

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| S185 | 132  | S176 and ((feed adj forward) (feed adj back) (back adj pressure)) with ((flow traffic congestion) adj control) with (port terminal)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:19 |
| S186 | 59   | S176 and ((feed adj forward) (feed adj back) (back adj pressure)) with ((flow traffic congestion) adj control) with (port terminal) and "370".clas. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:20 |
| S187 | 142  | S181 and "370".clas.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:27 |
| S188 | 83   | S187 not S186   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:27 |
| S189 | 2196 | S176 and (congestion oversubscription) with (pause stop slow slowdown decrease halt)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:39 |

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| S190 | 99   | S189 and ((feed adj forward) (feed adj back) (back adj pressure))    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>08:40 |
| S191 | 0    | each with port with threshold  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:06 |
| S192 | 6270 | ((threshold watermark) with port)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:07 |
| S193 | 6    | ((threshold watermark) with port) with load with shar\$3             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:12 |
| S194 | 7    | ((threshold watermark) with port) same (port with load with shar\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:13 |

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| S195 | 543      | (port with load with shar\$3)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:14 |
| S196 | 26929480 | @ad<="20030627"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:15 |
| S197 | 26       | S192 and S195 and S196  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>12:15 |
| S198 | 14       | (US-20020012341-\$ or US-20020181396-\$ or<br>US-20020071398-\$ or US-20010043565-\$ or<br>US-20010021174-\$ or US-20030185249-\$).did.<br>or (US-6115356-\$ or US-6031821-\$ or US-<br>6405258-\$ or US-6424624-\$ or US-6934248-\$<br>or US-6373818-\$ or US-6980520-\$ or US-<br>6456590-\$).did. or (WO-03040935-A-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON | 2008/06/18<br>12:29 |
| S199 | 1        | (US-6980520-\$).did.  | USPAT   | OR | ON | 2008/06/18<br>13:55 |
| S200 | 1        | S199 and (congestion flow) with port  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>13:55 |



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| S201 | 8 | ("6035333"   "6170022"   "6181699"   "6212582"   "6405258"   "6628613"   "6667985"   "6721273").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/06/18<br>15:10 |
| S202 | 1 | S199 and (transmi\$5) with port   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/18<br>15:16 |
| S203 | 1 | (US-6980520-\$).did.  | USPAT   | OR | ON | 2008/06/19<br>10:19 |
| S204 | 1 | S203  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>10:19 |
| S205 | 1 | S203 and (port with congestion)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>10:20 |
| S206 | 1 | S203 and pause  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>11:10 |
| S207 | 0 | S203 and pause and stop and slow  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>11:10 |



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| S213 | 0 | S203 and pause same threshold | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>12:11 |
| S214 | 1 | S203 and pause and threshold  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>12:11 |
| S215 | 1 | S203 and list\$3              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:02 |
| S216 | 1 | S203 and sources              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:09 |
| S217 | 1 | S203 and addresses            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:22 |

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| S218 | 0 | S203 and updated              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:32 |
| S219 | 0 | S203 and updat\$3             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:32 |
| S220 | 0 | S203 and (renew refresh )     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:34 |
| S221 | 1 | S203 and ports                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:38 |
| S222 | 1 | S203 and (ports with control) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:38 |

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| S223 | 0 | S203 and (table)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:42 |
| S224 | 0 | S203 and periodically  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:43 |
| S225 | 0 | S203 and periodical    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:43 |
| S226 | 1 | S203 and period        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>13:43 |
| S227 | 1 | S203 and (period time) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>14:05 |

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| S228 | 1 | S203 and pause with (period time)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>14:18 |
| S229 | 0 | S203 and other                             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>14:33 |
| S230 | 1 | S203 and multiport                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>14:36 |
| S231 | 1 | S203 and (few\$2 less decreas\$3)          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:04 |
| S232 | 1 | S203 and (few\$2 less decreas\$3 reduc\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:05 |
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| S233 | 1 | S203 and (less decreas\$3 reduc\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:05 |
| S234 | 1 | S203 and rate  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:11 |
| S235 | 1 | S203 and reduc\$4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:12 |
| S236 | 0 | S203 and (decreas\$4 limit\$3 decrement less\$4<br>downgrad\$3)                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:20 |
| S237 | 0 | S203 and (decreas\$4 limit\$3 decrement less\$4<br>downgrad\$3 little short\$4 small\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:21 |
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| S238 | 1 | S203 and pause with (period time) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:22 |
| S239 | 0 | S203 and ("5"\$cast with network) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:35 |
| S240 | 1 | S203 and (\$cast with network)    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>15:36 |
| S241 | 2 | "20040264378"                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>16:16 |
| S242 | 1 | S241 and unrestrict\$3            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>16:16 |



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| S243 | 1 | S241 and restrict\$3               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>16:18 |
| S244 | 1 | S203 and (link)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>16:33 |
| S245 | 1 | S203 and (control)                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>16:37 |
| S246 | 1 | S241 and non-lossy                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:18 |
| S247 | 1 | S203 and (loss drop\$3 discard\$3) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:19 |
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| S248 | 1        | S203 and (low)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:21 |
| S249 | 1        | S203 and (error loss noise drop\$4 discard\$4<br>disregard) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:22 |
| S250 | 0        | S203 and QOS  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:23 |
| S251 | 62       | data with (low adj loss\$2) with device                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:27 |
| S252 | 26929487 | @ad<="20030627"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/06/19<br>17:27 |

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| S253 | 32  | S251 and S252  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/19<br>17:28 |
| S254 | 1   | packet with (low adj loss\$2) with device                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/19<br>17:28 |
| S255 | 573 | data with (low adj loss\$2)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/19<br>17:34 |
| S256 | 16  | packet with (low adj loss\$2) with<br>(communication transmission) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/19<br>17:35 |
| S257 | 14  | S252 and S256  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/19<br>17:35 |
| S258 | 1   | ("6980520").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | OFF | 2008/12/10<br>16:13 |

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| S259 | 1        | ("6980520").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | OFF | 2008/12/11<br>15:42 |
| S260 | 19       | reactivat\$4 with port with signal   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:43 |
| S261 | 26945325 | @ad<"20030627"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/10<br>14:44 |
| S262 | 15       | S260 and S261  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/10<br>14:44 |
| S263 | 149      | ((reactivat\$4 activat\$4) adj port) with signal                                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:51 |
| S264 | 104      | S263 and S261  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:51 |
| S265 | 103      | S264 not S260  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:52 |
| S266 | 0        | ((reactivat\$4 activat\$4) adj port) with signal<br>with (traffic congestion)    | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:56 |
| S267 | 5        | ((reactivat\$4 activat\$4) adj port) with signal<br>with (traffic conge\$5 flow) | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:56 |
| S268 | 5        | S267 and S261  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:56 |
| S269 | 9        | S264 and (congestion traffic)  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/06/10<br>14:57 |

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| S270 | 9        | S269 and S261  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>14:57 |
| S271 | 1        | activating with paused with port                               | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>15:28 |
| S272 | 31       | activat\$4 with paus\$3 with port                              | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>15:28 |
| S273 | 15       | S272 and S261  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/06/10<br>15:28 |
| S274 | 1        | (US-6980520-\$).did.   | USPAT   | OR | ON | 2009/06/10<br>18:09 |
| S275 | 1        | S274 and transmit\$4 with paus\$3                              | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:10 |
| S276 | 0        | S274 and transmit\$4 with paus\$3 with<br>memory               | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:49 |
| S277 | 0        | S274 and transmit\$4 with paus\$3 same<br>memory               | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:49 |
| S278 | 1        | S274 and transmit\$4 with paus\$3 and<br>(memory buffer cache) | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:49 |
| S279 | 0        | non-memory with port with (paus\$3 stop\$4 halt<br>\$3)        | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:55 |
| S280 | 33       | non-memory with port   | US-PGPUB;<br>USPAT  | OR | ON | 2009/06/10<br>18:55 |
| S281 | 26945325 | @ad<"20030627"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:55 |

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| S282 | 25 | S280 and S281  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>18:55 |
| S283 | 22 | over-subscribed with port                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>19:58 |
| S284 | 4  | over-subscribed with port with (list table)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>19:58 |
| S285 | 3  | S284 and S281  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>19:59 |
| S286 | 1  | over-subscribed with port with (list table) with<br>updat\$3 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>20:00 |
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|------|---|---|---|----|----|---------------------|
| S292 | 7 | port with (reduc\$4 adj rate) with congestion | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>20:57 |
| S293 | 6 | S292 and S281                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/10<br>20:57 |

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